

RAW SEQUENCE LISTING

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Application Serial Number: 10/700,922

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/700,922

DATE: 12/03/2004

TIME: 10:34:48

Input Set : N:\CrF3\RULE60\10700922.raw.txt
 Output Set: N:\CRF4\12032004\J700922.raw

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1 <110> APPLICANT: BERGMANN et al.
2 <120> TITLE OF INVENTION: AGENTS FOR PRE-SYMPOTOMATIC DETECTION AND THERAPEUTIC
3   TARGETING OF ALZHEIMER'S DISEASE AND DOWN SYNDROME IN
4   HUMANS
5 <130> FILE REFERENCE: 830006-2000
6 <140> CURRENT APPLICATION NUMBER: US/10/700,922
7 <141> CURRENT FILING DATE: 2003-11-03
8 <150> PRIOR APPLICATION NUMBER: US/09/242,449
9 <151> PRIOR FILING DATE: 1999-02-16
11 <160> NUMBER OF SEQ ID NOS: 43
12 <170> SOFTWARE: PatentIn Ver. 2.1
14 <210> SEQ ID NO: 1
15 <211> LENGTH: 240
16 <212> TYPE: DNA
17 <213> ORGANISM: Homo sapiens
18 <400> SEQUENCE: 1
19   atggatgcag aattccgaca tgactcagga tatgaagttc atcatcaaaa attgggtttc 60
20   tttcagaag atgtgggttc aaacaaagggt gcaatcattt gactcatggt gggcggtgtt 120
21   gtcatacgca cagtgatcgt catcacctt gtgatgctga agaagaaaaca gtacacatcc 180
22   attcatcatg gtgtgggttga ggttaggtaaa cttgactgca tgtttccaag tgggaattaa 240
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25 <211> LENGTH: 156
26 <212> TYPE: DNA
27 <213> ORGANISM: Homo sapiens
28 <400> SEQUENCE: 2
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30   aaaataattt accttttcc actactgttt gtcttgccaa atgacctatt aactctggtt 120
31   catcctgtgc tagaaatcaa attaaggaaa agataa 156
33 <210> SEQ ID NO: 3
34 <211> LENGTH: 79
35 <212> TYPE: PRT
36 <213> ORGANISM: Homo sapiens
37 <400> SEQUENCE: 3
38   Met Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln
39       1           5           10          15
40   Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile
41       20          25          30
42   Ile Gly Leu Met Val Gly Gly Val Val Ile Ala Thr Val Ile Val Ile
43       35          40          45
44   Thr Leu Val Met Leu Lys Lys Gln Tyr Thr Ser Ile His His Gly
45       50          55          60
46   Val Val Glu Val Gly Lys Leu Asp Cys Met Phe Pro Ser Gly Asn
47       65          70          75

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Input Set : N:\Crf3\RULE60\10700922.raw.txt
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49 <210> SEQ ID NO: 4
50 <211> LENGTH: 52
51 <212> TYPE: PRT
52 <213> ORGANISM: Homo sapiens
53 <400> SEQUENCE: 4
54 Met Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln
55 1 5 10 15
56 Lys Leu Val Arg Lys Ile Ile Tyr Leu Phe Pro Leu Leu Phe Val Leu
57 20 25 30
58 Pro Asn Asp Leu Leu Thr Leu Val His Pro Phe Val Leu Glu Ile Lys
59 35 40 45
60 Leu Arg Lys Arg
61 50
63 <210> SEQ ID NO: 5
64 <211> LENGTH: 44
65 <212> TYPE: PRT
66 <213> ORGANISM: Homo sapiens
67 <400> SEQUENCE: 5
68 Met Val Gly Gly Val Val Ile Ala Thr Val Ile Val Ile Thr Leu Val
69 1 5 10 15
70 Met Leu Lys Lys Lys Gln Tyr Thr Ser Ile His His Gly Val Val Glu
71 20 25 30
72 Val Gly Lys Leu Asp Cys Met Phe Pro Ser Gly Asn
73 35 40
75 <210> SEQ ID NO: 6
76 <211> LENGTH: 40
77 <212> TYPE: PRT
78 <213> ORGANISM: Homo sapiens
79 <400> SEQUENCE: 6
80 Met Gln Asn Ser Asp Met Thr Gln Asp Met Lys Phe Ile Ile Lys Asn
81 1 5 10 15
82 Trp Cys Ser Leu Gln Lys Met Trp Val Gln Thr Lys Val Gln Ser Leu
83 20 25 30
84 Asp Ser Trp Trp Ala Val Leu Ser
85 35 40
87 <210> SEQ ID NO: 7
88 <211> LENGTH: 20
89 <212> TYPE: PRT
90 <213> ORGANISM: Homo sapiens
91 <400> SEQUENCE: 7
92 Met Gln Asn Ser Asp Met Thr Gln Asp Met Lys Phe Ile Ile Lys Asn
93 1 5 10 15
94 Trp Tyr Val Lys
95 20
97 <210> SEQ ID NO: 8
98 <211> LENGTH: 18
99 <212> TYPE: PRT
100 <213> ORGANISM: Homo sapiens
101 <400> SEQUENCE: 8

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102 Met Trp Val Gln Thr Lys Val Gln Ser Leu Asp Ser Trp Trp Ala Val
103 1 5 10 15
104 Leu Ser
106 <210> SEQ ID NO: 9
107 <211> LENGTH: 79
108 <212> TYPE: DNA
109 <213> ORGANISM: Homo sapiens
110 <400> SEQUENCE: 9
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112 ttttaaatg actctgcat 79
114 <210> SEQ ID NO: 10
115 <211> LENGTH: 37
116 <212> TYPE: DNA
117 <213> ORGANISM: Homo sapiens
118 <400> SEQUENCE: 10
119 attattattt gaataatgaa attcatcaga acaatta 37
121 <210> SEQ ID NO: 11
122 <211> LENGTH: 68
123 <212> TYPE: DNA
124 <213> ORGANISM: Homo sapiens
125 <400> SEQUENCE: 11
126 gcaatttata gaaaaggaag agttcgtagg ttataaattc tgtagttgc taagaagcat 60
127 ttttaaaa 68
129 <210> SEQ ID NO: 12
130 <211> LENGTH: 79
131 <212> TYPE: DNA
132 <213> ORGANISM: Homo sapiens
133 <400> SEQUENCE: 12
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135 ttttaaatg actctgcat 79
137 <210> SEQ ID NO: 13
138 <211> LENGTH: 37
139 <212> TYPE: DNA
140 <213> ORGANISM: Homo sapiens
141 <400> SEQUENCE: 13
142 attattattt gaataatgaa attcatcaga acaatta 37
144 <210> SEQ ID NO: 14
145 <211> LENGTH: 68
146 <212> TYPE: DNA
147 <213> ORGANISM: Homo sapiens
148 <400> SEQUENCE: 14
149 gcaatttata gaaaaggaag agttcgtagg ttataaattc tgtagttgc taagaagcat 60
150 ttttaaaa 68
152 <210> SEQ ID NO: 15
153 <211> LENGTH: 59
154 <212> TYPE: DNA
155 <213> ORGANISM: Homo sapiens
156 <400> SEQUENCE: 15
157 atgctcattt ttaaaggctt ttattattat ttctgaagta atgagtgcac atggaaaaaa 59

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Input Set : N:\Crf3\RULE60\10700922.raw.txt
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159 <210> SEQ ID NO: 16
160 <211> LENGTH: 38
161 <212> TYPE: DNA
162 <213> ORGANISM: Homo sapiens
163 <400> SEQUENCE: 16
164      tattccagga acaaattcctt gccaacctct caaccagg          38
166 <210> SEQ ID NO: 17
167 <211> LENGTH: 26
168 <212> TYPE: DNA
169 <213> ORGANISM: Homo sapiens
170 <400> SEQUENCE: 17
171      tagcatgtat ttaaatgcag cagaag          26
173 <210> SEQ ID NO: 18
174 <211> LENGTH: 56
175 <212> TYPE: DNA
176 <213> ORGANISM: Homo sapiens
177 <400> SEQUENCE: 18
178      gaaggtttaa atataggta tcattttct ttaagagtca tttatcaatt ttcttc      56
180 <210> SEQ ID NO: 19
181 <211> LENGTH: 33
182 <212> TYPE: DNA
183 <213> ORGANISM: Homo sapiens
184 <400> SEQUENCE: 19
185      ccaaataaaag agcaagaata aagcaacatt tca          33
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188 <211> LENGTH: 22
189 <212> TYPE: DNA
190 <213> ORGANISM: Homo sapiens
191 <400> SEQUENCE: 20
192      ttatgcttta aaaagcaata ca          22
194 <210> SEQ ID NO: 21
195 <211> LENGTH: 47
196 <212> TYPE: DNA
197 <213> ORGANISM: Homo sapiens
198 <400> SEQUENCE: 21
199      tcctttctt cagaatgcct attcctgtgc attaaaagtgc tccctcc          47
201 <210> SEQ ID NO: 22
202 <211> LENGTH: 18
203 <212> TYPE: DNA
204 <213> ORGANISM: Homo sapiens
205 <400> SEQUENCE: 22
206      tttaaagttaa gcatcaaa          18
208 <210> SEQ ID NO: 23
209 <211> LENGTH: 39
210 <212> TYPE: DNA
211 <213> ORGANISM: Homo sapiens
212 <400> SEQUENCE: 23
213      cttttatata aacctcatcc aaatgtcccc tgcatttaa          39
215 <210> SEQ ID NO: 24

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Input Set : N:\Crf3\RULE60\10700922.raw.txt
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216 <211> LENGTH: 41
217 <212> TYPE: DNA
218 <213> ORGANISM: Homo sapiens
219 <400> SEQUENCE: 24
220     gaaaatgaaa ttcttctaat tgctttata aattgttaatt a          41
222 <210> SEQ ID NO: 25
223 <211> LENGTH: 6
224 <212> TYPE: DNA
225 <213> ORGANISM: Homo sapiens
226 <400> SEQUENCE: 25
227     aataaa                      6
229 <210> SEQ ID NO: 26
230 <211> LENGTH: 25
231 <212> TYPE: DNA
232 <213> ORGANISM: Homo sapiens
233 <400> SEQUENCE: 26
234     gtggacaaat atcaacacccg aggac          25
236 <210> SEQ ID NO: 27
237 <211> LENGTH: 23
238 <212> TYPE: DNA
239 <213> ORGANISM: Homo sapiens
240 <400> SEQUENCE: 27
241     acatagtctt aattcccact tgg          23
243 <210> SEQ ID NO: 28
244 <211> LENGTH: 24
245 <212> TYPE: DNA
246 <213> ORGANISM: Homo sapiens
247 <400> SEQUENCE: 28
248     gtcctgcata cttaattat gatg          24
250 <210> SEQ ID NO: 29
251 <211> LENGTH: 26
252 <212> TYPE: DNA
253 <213> ORGANISM: Homo sapiens
254 <400> SEQUENCE: 29
255     agccatcatg gaagcacact gattcg          26
257 <210> SEQ ID NO: 30
258 <211> LENGTH: 25
259 <212> TYPE: DNA
260 <213> ORGANISM: Homo sapiens
261 <400> SEQUENCE: 30
262     gtggacaaat atcaagacgg aggag          25
264 <210> SEQ ID NO: 31
265 <211> LENGTH: 25
266 <212> TYPE: DNA
267 <213> ORGANISM: Homo sapiens
268 <400> SEQUENCE: 31
269     tccttaattt gatttctagc acagg          25
271 <210> SEQ ID NO: 32
272 <211> LENGTH: 24

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VERIFICATION SUMMARY

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